

Table 44. Input source attributes for NERR sites (data from Attributes Survey, Appendix A).

Site	Waterbody	Impervious Surface	Land Use	Habitat	Soil Type	Annual Precipitation
elkap	small	2-20%	>20% harvested/developed	>50% vegetation	clay loam	0.5-1.3 m
elksm	large	2-20%	>20% harvested/developed	>50% vegetation	clay loam	0.5-1.3 m
pdbby	main	<2%	>20% harvested/developed	>50% veg/harvested	clay loam	0.5-1.3 m
pdbjl	small	<2%	>20% harvested/developed	>50% veg/harvested	clay loam	0.5-1.3 m
sosse	large	< 2%	>20% harvested/developed	>50% veg/harvested	sand loam	> 1.3 m
soswi	large	< 2%	>20% harvested/developed	>50% veg/harvested	sand loam	> 1.3 m
tjros	small	>20%	<20% harvested/developed	>50% developed	clay loam	< 0.5 m
tjrtl	small	>20%	<20% harvested/developed	>50% developed	clay loam	< 0.5 m
grgbg	main	2-20%	<20% harvested/developed	>50% vegetation	sand/clay loam; granite	0.5-1.3 m
grbsq	large	2-20%	<20% harvested/developed	>50% vegetation	sand/clay loam; granite	0.5-1.3 m
hudsk	large	2-20%	>20% harvested/developed	>50% veg/harvested	sand loam	0.5-1.3 m
hudts	main	2-20%	>20% harvested/developed	>50% veg/harvested	clay loam	0.5-1.3 m
narpc	main	< 2%	>20% harvested/developed	> 50% vegetation	sand loam	0.5-1.3 m
nartw	main	< 2%	>20% harvested/developed	> 50% vegetation	sand loam	0.5-1.3 m
owcsu	main	<2%	>20% harvested/developed	>50% vegetation	clay loam	0.5-1.3 m
owcwcm	main	<2%	>20% harvested/developed	>50% vegetation	clay loam	0.5-1.3 m
wqbcb	main	2-20%	>20% harvested/developed	>50% vegetation	sand loam	0.5-1.3 m
wqbmp	main	2-20%	>20% harvested/developed	>50% vegetation	sand loam	0.5-1.3 m
welht	large	2-20%	<20% harvested/developed	>50% veg/harvested	soft mud, sand, and rocky	0.5-1.3 m
welin	main	<20%	>20% harvested/developed	>50% developed	sand loam	0.5-1.3 m
cbmjbj	main	<2%	>20% harvested/developed	>50% veg/harvested	sand loam	0.5-1.3 m
cbmpr	main	<2%	>20% harvested/developed	>50% veg/harvested	sand loam	0.5-1.3 m
cbvgi	main	<2%	no harvested/developed land	>50% vegetation	sand loam	0.5-1.3 m
cbvtc	small	<2%	<20% harvested/developed	>50% vegetation	sand loam	0.5-1.3 m
delbl	main	<2%	>20% harvested/developed	>50% veg/harvested	clay loam	0.5-1.3 m
delsl	main	2-20%	>20% harvested/developed	>50% developed	sand loam	0.5-1.3 m
mulb6	main	<2%	no harvested/developed land	>50% vegetation	sand loam	0.5-1.3 m
mulBA	large	<2%	<20% harvested/developed	>50% vegetation	sand loam	0.5-1.3 m
acebb	small	<2%	<20% harvested/developed	>50% developed	mud	0.5-1.3 m
acesp	small	<2%	no harvested/developed land	>50% vegetation	mud	0.5-1.3 m
niwol	large	<2%	no harvested/developed land	>50% vegetation	fine sediment/detritus/shell hash	0.5-1.3 m
niwta	small	<2%	no harvested/developed land	>50% vegetation		0.5-1.3 m
nocms	small	<2%	no harvested/developed land	>50% vegetation		0.5-1.3 m
noczi	small	<2%	no harvested/developed land	>50% vegetation		0.5-1.3 m
sapfd	small	< 2%	<20% harvested/developed	>50% vegetation	sand loam	0.5-1.3 m
sapml	main	<2%	<20% harvested/developed	>50% vegetation	sand loam	0.5-1.3 m
apaeb	main	<2%	>20% harvested/developed	>50% vegetation	sand loam	> 1.3 m
apaes	main	<2%	>20% harvested/developed	>50% vegetation	sand loam	> 1.3 m
job09	main	2-20%	>20% harvested/developed	>50% veg/harvested	clay and organic matter sand with fragmented shell	< 0.5 m
job10	main	2-20%	>20% harvested/developed	>50% vegetation		< 0.5 m
rkbbr	large	2-20%	<20% harvested/developed	>50% veg/harvested		> 1.3 m
rkbuh	large	2-20%	<20% harvested/developed	>50% veg/harvested		> 1.3 m
wkbfr	main	>20%	<20% harvested/developed	>50% veg/harvested	sand loam	> 1.3 m
wkbwb	main	>20%	>20% harvested/developed	>50% developed	sand loam	> 1.3 m

Table 45. Filtration capabilities and water quality attributes for NERR sites. Mean depth denotes mean depth of instrument deployment. At most sites, instruments were deployed at 0.3 m above the bottom sediment (range 0.1 – 1.5 m). Percent of first 48 hours with hypoxia and supersaturation data are mean values for Jul-Aug 1997 and 1998; if data were not available for Jul-Aug in both years (*), the mean occurrence (percent of first 48 hours post-deployment) of hypoxia and supersaturation when these events were observed (listed in site summaries) were used.

Site	Shellfish Beds	SAV Beds	Emergent Vegetation	Forest Cover	Tidal Range	% 48 hrs < 28% sat	% 48 hrs > 120% sat	% year < 10C	% year > 25C	Mean Sal (ppt)	Mean Depth (m)
elkap	sparse	sparse	abundant	< 25%	2-4 m	23.54	30.76	4.41	8.49	29.3	0.28
elksm	sparse	sparse	abundant	< 25%	2-4 m	0.00	0.00	1.37	0	29.5	1.43
pdbby	sparse	abundant	sparse	< 25%	2-4 m	0.00	9.28	39.3	0	28.1	2.34
pdbjl	absent	absent	sparse	< 25%	< 2 m	2.95	4.86	37.68	0.75	8.9	0.68
sosse	absent	sparse	abundant	>50%	2-4 m	2.00*	8.40*	42.73	0.05	9.3	0.62
soswi	absent	abundant	abundant	>50%	2-4 m	1.00*	14.20*	39.91	0	8.7	1.05
tjros	sparse	sparse	abundant	< 25%	2-4 m	28.26	3.01	0.29	6.66	30.1	0.78
tjrtl	sparse	sparse	abundant	< 25%	2-4 m	34.96	16.96	0.48	16.21	26.6	0.39
grbgb	abundant	abundant	sparse	> 50%	2-4 m	0.00	0.00	20.65	0.02	22.2	6.5
grbsq	sparse	sparse	abundant	> 50%	2-4 m	0.00	0.00	17.38	1.82	17.1	3.5
hudsk	sparse	sparse	sparse	25-50%	< 2 m	0.00*	0.00*	19.32	0	0.2	0.67
hudts	abundant	abundant	abundant	25-50%	2-4 m	1.29	0.77	19.6	12.68	0.1	0.92
narpc	sparse	sparse	sparse	> 50%	< 2 m	1.85	3.24	43.92	0.11	27.7	2.46
nartw	sparse	sparse	sparse	> 50%	< 2 m	2.06*	5.40*	45.4	0	29.1	3.83
owcsu	absent	absent	absent	> 50%	< 2 m	11.68	3.09	6.48	4.97	0.3	0.58
owcwm	absent	sparse	abundant	> 50%	< 2 m	3.06	5.77	6.02	14.22	0.2	0.59
wqbcb	abundant	sparse	absent	> 50%	< 2 m	0.00	26.27	18.92	3.46	29.6	1.14
wqbmp	abundant	sparse	absent	> 50%	< 2 m	0.00*	2.10*	97.09	0	29.8	1.42
welht	absent	sparse	abundant	>50%	< 2 m	0.00	2.58	36.63	0.08	3.1	0.4
welin	abundant	abundant	abundant	<25%	2-4 m	13.19	5.21	59.42	0	30.7	2.58
cbmjb	absent	sparse	abundant	> 50%	2-4 m	22.10*	8.30*	2.61	45.98	0.1	0.63
cbmpr	absent	sparse	abundant	> 50%	2-4 m	10.60*	19.97*	3.2	42.08	0.2	2.31
cbvgi	abundant	abundant	abundant	> 50%	< 2 m	1.00*	19.60*	38.59	12.86	19.3	0.57
cbvtc	abundant	sparse	abundant	> 50%	< 2 m	1.09	6.84	30.48	23.66	9	0.92
delbl	absent	absent	abundant	< 25%	< 2 m	26.55	0.90	34.57	23.96	2	1.46
delsl	absent	absent	abundant	< 25%	< 2 m	0.90	2.45	33.73	19.65	8.4	1.48
mulb6	abundant	absent	abundant	< 25%	< 2 m	0.00	6.75	39.96	3.37	28.7	2.78
mulBA	absent	absent	abundant	> 50%	< 2 m	0.00	2.75	43.97	11.3	2.6	1.75
acebb	sparse	absent	abundant	< 25%	2-4 m	1.25	8.77	6.14	32.95	28.9	1.25
acesp	sparse	absent	abundant	> 50%	2-4 m	3.75	0.52	6.82	27.38	26.2	1.74
niwol	abundant	absent	abundant	> 50%	2-4 m	14.46	4.13	8.44	32.68	29.1	1.46
niwta	abundant	absent	abundant	> 50%	2-4 m	11.06	7.82	13.01	29.45	5.3	1.23
nocms	abundant	absent	sparse	< 25%	< 2 m	0.00	24.50	9.5	26.57	28.4	1.35
noczi	abundant	absent	sparse	< 25%	< 2 m	4.40	5.80	10.49	30.28	21.7	1.45
sapfd	abundant	absent	abundant	>50%	2-4 m	0.90	1.55	2.01	40.04	21.6	1.84
sapml	abundant	absent	abundant	>50%	2-4 m	0.00	0.00	2.23	38.31	24	1.69
apaeb	absent	absent	absent	> 50%	< 2 m	5.33	19.59	1.32	46.58	7.4	1.8
apaes	absent	absent	absent	> 50%	< 2 m	12.70	4.23	2.12	42.49	5.6	0.61
job09	abundant	sparse	abundant	25-50%	< 2 m	31.40*	28.10*	0	98.11	38.6	0.7
job10	abundant	abundant	abundant	> 50%	< 2 m	19.60*	16.20*	0	99.59	36.2	0.45
rkbbr	absent	sparse	abundant	> 50%	< 2 m	45.80*	2.10*	0	70.18	19.6	1.73
rkbuh	absent	absent	abundant	> 50%	< 2 m	21.80*	15.80*	0	51.54	17.3	1.02
wkbfr	absent	sparse	sparse	> 50%	< 2 m	20.40*	14.10*	1.19	40.87	4.6	1.92
wkbwb	sparse	absent	absent	> 50%	< 2 m	0.00	34.90	3.44	43.33	7.7	0.59